Tables of Time

Calculated for

Two Hundred Years

viz.t

The XVII. and XVIII. Centuries.

To which are Added

Mr. FLAMSTEED'S TABLE

of the EQUATION of

Natural Days,

and other Usefull TABLES.

By JOHN SMART

at the Town-Clerk's Office.

By Permission of the Company of Stationers.

LONDON.

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J. Stuart Sculp.

A Regal Table
From WILLIAM the first.

King's & Queen's Names.	Began to Reign.		Reigned Y.	M.	D.
William I	1066	Oct. 14	20	10	26
William II	1087	Sept. 9	12	10	22
Henry I	1100	Aug. 2	35	-4	--
Stephen	1135	Dec. 1	18	10	24
Henry II	1154	Oct. 25	34	-8	11
Richard I	1189	July 6	-9	-9	--
John	1199	Apr. 6	17	-6	13
Henry III	1216	Oct. 19	56	--	28
Edward I	1272	Nov. 16	34	-7	21
Edward II	1307	July 7	19	-6	18
Edward III	1326	Jan. 25	50	-4	27
Richard II	1377	June 21	22	-3	-8
Henry IV	1399	Sept. 29	13	-5	19
Henry V	1412	Mar. 20	-9	-5	11
Henry VI	1422	Aug. 31	38	-6	-4
Edward IV	1460	Mar. 5	22	-1	-4
Edward V	1483	Apr. 9	--	-2	-9
Richard III	1483	June 18	-2	-2	-4
Henry VII	1485	Aug. 22	23	-8	--
Henry VIII	1509	Apr. 22	37	-9	-6
Edward VI	1546	Jan. 28	-6	-5	-8
Mary I	1553	July 6	-5	-4	11
Elizabeth	1558	Nov. 17	44	-4	-7
James I	1602	Mar. 24	22	--	-3
Charles I	1625	Mar. 27	23	10	-3
Charles II	1648	Jan. 30	36	--	-7
James II	1684	Feb. 6	-4	--	-7
Mary II	1688	Feb. 13	-5	10	15
William III	1688	Feb. 13	13	--	23
Anne	1701	Mar. 8			

Tables of Time, Calculated for Two Hundred Years.

EXPLANATION.

These Tables *are calculated from* 1601. *to* 1700, *being the* XVII. *Century, and from* 1701. *to* 1800. *being the* XVIII. *Century.*

The Years *are set down in* Order; *and even with each of them are placed the* Dominical Letter, Epact, *and* Easter day *for that Year.*

The Dominical Letters *are likewise placed at the head of every Month.*

When *there are two* Dominical Letters *even with any year, it is then* Leap Year, *and the first of those letters is the* Dominical Letter *for* January *and* February, *the other for the rest of the year.*

In *the Tables of the Months,* S. *stands for* Sunday. m. Monday. tu. Tuesday. w. Wednesday. *etc.* The *use of the* Dominical letter *is to shew the* days *of the* Week, *days of the* Month, *fix'd* Feasts, *etc.*

By *the* Epact, *is known the* Age *of the* Moon; *And by knowing* Easter day, *any other* Moveable Feast *is readily found out.*

Examples: What

Day of the Week was the 5.th of Novr. 1699?
Look in the Tables for the year 1699, & you will find the Dominical letter, that year was A. then look for the same letter A. at the head of the month Novr. and under that A. even with the 5.th day you will find S. which shews that day to have been Sunday.

What day of the month was the 1st Wednesday in Septr. 1701? You will find the Dominical letter for 1701. to be E. therefore in Septr. under the letter E. look for the first W. (or Wednesday) and you will find it to be even nv.th the 3.d day of the Month.

The Moon's Age is found by adding together the Epact, day of the Month, and the Figure which is over the Title of each month.

Example, What is the Moon's Age Apr. 3.d 1702? You will find the Epact for 1702. to be 12, add to that 3 for the day of the Month, and 2 nv.th is the figure over Apr. and the amount will be 17. and so many days old is the Moon on that day. Note, that when such Addition exceeds 30, then 30 must be substracted from it, and what remains will be the Moon's Age.

What day of the Month is Ascension day 1702? I find Easter day 1702, to be April the 5.th therefore I look in the Tables of Moveable Feasts for April the 5.th and even with it I find Ascension day to be the 14.th of May.

By the same Rule any other Moveable Feast, as also the Beginning and Ending of the Moveable Terms, are easily known.

In these Tables the Year begins the first of January, except the Regal Table, where it beains the 25.th of March.

THE Dominical Letter Epact & Easter Day For every Year of THE XVII CENTURY.

Years of our Lord	Dominical Letter		Epact	Easter Day.	
1601		D	6	April.	12
1602		C	17		4
1603		B	28		24
1604	A	G	9		8
1605		F	20	March.	31
1606		E	1	April.	20
1607		D	12		5
1608	C	B	23	March.	27
1609		A	4	April.	16
1610		G	15		8
1611		F	26	March.	24
1612	E	D	7	April.	12
1613		C	18		4
1614		B	29		24
1615		A	11		9
1616	G	F	22	March.	31
1617		E	3	April.	20
1618		D	14		5
1619		C	25	March.	28
1620	B	A	6	April.	16
1621		G	17		1
1622		F	28		21
1623		E	9		13
1624	D	C	20	March.	28
1625		B	1	April.	17
1626		A	12		9
1627		G	23	March.	25
1628	F	E	4	April.	13

Years of our Lord.	Dominical Letter.	Epact	Easter Day.	
1629	D	15	April.	5
1630	C	26	March	28
1631	B	7	April.	10
1632	A G	18		1
1633	F	29		21
1634	E	11		6
1635	D	22	March.	29
1636	C B	3	April.	17
1637	A	14		9
1638	G	25	March.	25
1639	F	6	April.	14
1640	E D	17		5
1641	C	28		25
1642	B A	9		10
1643	G	20		2
1644	F	1		21
1645	E D	12		6
1646	C	23	March.	29
1647	B A	4	April.	18
1648	G F	15		2
1649	E	26	March.	25
1650	D C	7	April.	14
1651	B	18	March.	30
1652	A G	29	April.	18
1653	F E	11		10
1654	D	22	March.	26
1655	C B	3	April.	15
1656	A	14		6
1657	G F	25	March.	29
1658	E	6	April.	11
1659	D C	17		3
1660	B A	28		22
1661	G	9		14
1662	F E	20	March.	30
1663	D	1	April.	19
1664	C B	12		10

Years of our Lord.	Dominical Letter.	Epact	Easter Day.	
1665	A	23	March.	26
1666	G	4	April.	15
1667	F	15		7
1668	ED	26	March.	22
1669	C	7	April.	11
1670	B	18		3
1671	A	29		23
1672	G	11		7
1673	E	22	March.	30
1674	D	3	April.	19
1675	C	14		4
1676	B.	25	March.	26
1677	AG	6	April.	15
1678	F	17	March.	31
1679	E	28	April.	20
1680	D	9		11
1681	C	20		3
1682	BA	1		16
1683	G	12		8
1684	FE	23	March.	30
1685	D	4	April.	19
1686	C	15		4
1687	B	26	March.	27
1688	AG	7	April.	15
1689	F	18	March.	31
1690	E	29	April.	20
1691	D	11		12
1692	CB	22	March.	27
1693	A	3	April.	16
1694	G	14		8
1695	F	25	March.	24
1696	ED	6	April.	12
1697	C	17		4
1698	B	28		24
1699	A	9		9
1700	GF	20	March.	31

THE Dominical Letter Epact & Easter Day For every Year of THE XVIII CENTURY.

Years of our Lord.	Dominical Letter.	Epact	Easter Day.	
1701	E	1	April.	20
1702	D	12		5
1703	C	23	March.	28
1704	B A	4	April.	16
1705	G	15		8
1706	F	26	March.	24
1707	E	7	April.	13
1708	D C	18		4
1709	B	29		24
1710	A	11		9
1711	G	22		1
1712	F E	3		20
1713	D	14		5
1714	C	25	March.	28
1715	B	6	April.	17
1716	A G	17		1
1717	F	28		21
1718	E	9		13
1719	D	20	March.	29
1720	C B	1	April.	17
1721	A	12		9
1722	G	23	March.	25
1723	F	4	April.	14
1724	E D	15		5
1725	C	26	March.	28
1726	B	7	April.	10
1727	A	18		2
1728	G F	29		21

Years of our Lord	Dominical Letter.	Epact	Easter Day.	
1729	E	11	April.	6
1730	D	22	March.	29
1731	C	3	April.	18
1732	BA	14		9
1733	G	25	March.	25
1734	F	6	April.	14
1735	E	17		6
1736	DC	28		25
1737	B	9		10
1738	A	20		2
1739	G	1		22
1740	FE	12		6
1741	D	23	March.	29
1742	C	4	April.	18
1743	B	15		3
1744	AG	26	March.	25
1745	F	7	April.	14
1746	E	18	March.	30
1747	D	29	April.	19
1748	CB	11		10
1749	A	22	March.	26
1750	G	3	April.	15
1751	F	14		7
1752	ED	25	March.	29
1753	C	6	April.	11
1754	B	17		3
1755	A	28		23
1756	GF	9		14
1757	E	20	March.	30
1758	D	1	April.	19
1759	C	12		11
1760	BA	23	March.	26
1761	G	4	April.	15
1762	F	15		7
1763	E	26	March.	23
1764	DC	7	April.	11

Years of our Lord.	Dominical Letter.	Epact.	Easter Day.	
1765	B	18	April.	3
1766	A	29		23
1767	G	11		8
1768	E	22	March.	30
1769	D	3	April.	19
1770	C	14		4
1771	B	25	March.	27
1772	A	6	April.	15
1773	G	17	March.	31
1774	F	28	April.	20
1775	E	9		12
1776	D	20		3
1777	C	1		16
1778	B	12		8
1779	A	23	March.	31
1780	G	4	April.	19
1781	F	15		4
1782	E	26	March.	27
1783	D	7	April.	16
1784	C	18	March.	31
1785	B	29	April.	20
1786	A	11		12
1787	G	22	March.	23
1788	F	3	April.	16
1789	E	14		8
1790	D	25	March.	24
1791	C	6	April.	13
1792	B	17		4
1793	A	28		24
1794	G	9		9
1795	F	20		1
1796	E	1		20
1797	D	12		5
1798	C	23	March.	28
1799	B	4	April.	17
1800	A	15		8

January XXXI.

G	F	E	D	C	B	A	DAY	Fix'd Feasts.
m	tu	w	th	fr	sa	S	1	CIRCUMCISION.
tu	w	th	fr	sa	S	m	2	
w	th	fr	sa	S	m	tu	3	
th	fr	sa	S	m	tu	w	4	☉ rises 7.57.
fr	sa	S	m	tu	w	th	5	
sa	S	m	tu	w	th	fr	6	EPIPHANY.
S	m	tu	w	th	fr	sa	7	
m	tu	w	th	fr	sa	S	8	☉ rises 7.52.
tu	w	th	fr	sa	S	m	9	
w	th	fr	sa	S	m	tu	10	☉ in ♒.
th	fr	sa	S	m	tu	w	11	
fr	sa	S	m	tu	w	th	12	
sa	S	m	tu	w	th	fr	13	Hillary.
S	m	tu	w	th	fr	sa	14	
m	tu	w	th	fr	sa	S	15	☉ rises 7.42.
tu	w	th	fr	sa	S	m	16	
w	th	fr	sa	S	m	tu	17	
th	fr	sa	S	m	tu	w	18	☉ rises 7.37.
fr	sa	S	m	tu	w	th	19	
sa	S	m	tu	w	th	fr	20	
S	m	tu	w	th	fr	sa	21	☉ rises 7.32.
m	tu	w	th	fr	sa	S	22	
tu	w	th	fr	sa	S	m	23	Term begin
w	th	fr	sa	S	m	tu	24	
th	fr	sa	S	m	tu	w	25	CONV. S. PAVL.
fr	sa	S	m	tu	w	th	26	
sa	S	m	tu	w	th	fr	27	☉ rises 7.22.
S	m	tu	w	th	fr	sa	28	
m	tu	w	th	fr	sa	S	29	
tu	w	th	fr	sa	S	m	30	K. C. MARTYR.
w	th	fr	sa	S	m	tu	31	☉ rises 7.14.

February XXVIII

G	F	E	D	C	B	A	Day	Fix'd Feasts.
th	fr	sa	S	m	tu	w	1	
fr	sa	S	m	tu	w	th	2	Purific. V.M
sa	S	m	tu	w	th	fr	3	
S	m	tu	w	th	fr	sa	4	☉ *rises 7, 7*
m	tu	w	th	fr	sa	S	5	
tu	w	th	fr	sa	S	m	6	☉ *rises 7, 4*
w	th	fr	sa	S	m	tu	7	
th	fr	sa	S	m	tu	w	8	☉ *rises 7, 0*
fr	sa	S	m	tu	w	th	9	☉ *in* ♓.
sa	S	m	tu	w	th	fr	10	
S	m	tu	w	th	fr	sa	11	☉ *rises 6,54*
m	tu	w	th	fr	sa	S	12	*Term ends*
tu	w	th	fr	sa	S	m	13	
w	th	fr	sa	S	m	tu	14	Valentine.
th	fr	sa	S	m	tu	w	15	
fr	sa	S	m	tu	w	th	16	☉ *rises 6,44*
sa	S	m	tu	w	th	fr	17	
S	m	tu	w	th	fr	sa	18	
m	tu	w	th	fr	sa	S	19	☉ *rises 6,38.*
tu	w	th	fr	sa	S	m	20	
w	th	fr	sa	S	m	tu	21	
th	fr	sa	S	m	tu	w	22	☉ *rises 6,32.*
fr	sa	S	m	tu	w	th	23	
sa	S	m	tu	w	th	fr	24	S. Matthias.
S	m	tu	w	th	fr	sa	25	
m	tu	w	th	fr	sa	S	26	
tu	w	th	fr	sa	S	m	27	☉ *rises 6,22*
w	th	fr	sa	S	m	tu	28	
th	fr	sa	S	m	tu	w	29	Leap-Year.

March XXXI.

G	F	E	D	C	B	A	DAY	Fix'd Feasts.
th	fr	sa	S	m	tu	w	1	S. David.
fr	sa	S	m	tu	w	th	2	
sa	S	m	tu	w	th	fr	3	☼ *rises* 6.12.
S	m	tu	w	th	fr	sa	4	
m	tu	w	th	fr	sa	S	5	
tu	w	th	fr	sa	S	m	6	☼ *rises* 6.06.
w	th	fr	sa	S	m	tu	7	
th	fr	sa	S	m	tu	w	8	
fr	sa	S	m	tu	w	th	9	☼ *rises* 6.00.
sa	S	m	tu	w	th	fr	10	☼ *in* V.
S	m	tu	w	th	fr	sa	11	
m	tu	w	th	fr	sa	S	12	☼ *rises* 5.54.
tu	w	th	fr	sa	S	m	13	
w	th	fr	sa	S	m	tu	14	
th	fr	sa	S	m	tu	w	15	☼ *rises* 5.48.
fr	sa	S	m	tu	w	th	16	
sa	S	m	tu	w	th	fr	17	
S	m	tu	w	th	fr	sa	18	☼ *rises* 5.43.
m	tu	w	th	fr	sa	S	19	
tu	w	th	fr	sa	S	m	20	
w	th	fr	sa	S	m	tu	21	
th	fr	sa	S	m	tu	w	22	☼ *rises* 5.35.
fr	sa	S	m	tu	w	th	23	
sa	S	m	tu	w	th	fr	24	
S	m	tu	w	th	fr	sa	25	LADY DAY.
m	tu	w	th	fr	sa	S	26	
tu	w	th	fr	sa	S	m	27	☼ *rises* 5.25.
w	th	fr	sa	S	m	tu	28	
th	fr	sa	S	m	tu	w	29	
fr	sa	S	m	tu	w	th	30	☼ *rises* 5.19.
sa	S	m	tu	w	th	fr	31	

April XXX.

G	F	E	D	C	B	A	DAYS	Fix'd Feasts.
S	m	tu	w	th	fr	sa	1	☉ *rises* 5.15.
m	tu	w	th	fr	sa	S	2	
tu	w	th	fr	sa	S	m	3	
w	th	fr	sa	S	m	tu	4	☉ *rises* 5. 9.
th	fr	sa	S	m	tu	w	5	
fr	sa	S	m	tu	w	th	6	
sa	S	m	tu	w	th	fr	7	☉ *rises* 5: 4.
S	m	tu	w	th	fr	sa	8	
m	tu	w	th	fr	sa	S	9	☉ *in* ♉.
tu	w	th	fr	sa	S	m	10	
w	th	fr	sa	S	m	tu	11	☉ *rises* 4.57.
th	fr	sa	S	m	tu	w	12	
fr	sa	S	m	tu	w	th	13	
sa	S	m	tu	w	th	fr	14	☉ *rises* 4.51.
S	m	tu	w	th	fr	sa	15	
m	tu	w	th	fr	sa	S	16	
tu	w	th	fr	sa	S	m	17	☉ *rises* 4.46.
w	th	fr	sa	S	m	tu	18	
th	fr	sa	S	m	tu	w	19	
fr	sa	S	m	tu	w	th	20	☉ *rises* 4.40.
sa	S	m	tu	w	th	fr	21	
S	m	tu	w	th	fr	sa	22	
m	tu	w	th	fr	sa	S	23	S. George.
tu	w	th	fr	sa	S	m	24	
w	th	fr	sa	S	m	tu	25	S. MARK.
th	fr	sa	S	m	tu	w	26	
fr	sa	S	m	tu	w	th	27	☉ *rises* 4. 29.
sa	S	m	tu	w	th	fr	28	
S	m	tu	w	th	fr	sa	29	
m	tu	w	th	fr	sa	S	30	☉ *rises* 4.24.

May XXXI.

G	F	E	D	C	B	A	DAY	Fix'd Feasts.
tu	w	th	fr	sa	S	m	1	S. PHILIP &
w	th	fr	sa	S	m	tu	2	JAMES.
th	fr	sa	S	m	tu	w	3	
fr	sa	S	m	tu	w	th	4	☉ *rises* 4.18.
sa	S	m	tu	w	th	fr	5	
S	m	tu	w	th	fr	sa	6	
m	tu	w	th	fr	sa	S	7	☉ *rises* 4.13.
tu	w	th	fr	sa	S	m	8	
w	th	fr	sa	S	m	tu	9	
th	fr	sa	S	m	tu	w	10	☉ *in* ♊.
fr	sa	S	m	tu	w	th	11	
sa	S	m	tu	w	th	fr	12	☉ *rises* 4. 7.
S	m	tu	w	th	fr	sa	13	
m	tu	w	th	fr	sa	S	14	
tu	w	th	fr	sa	S	m	15	☉ *rises* 4. 3.
w	th	fr	sa	S	m	tu	16	
th	fr	sa	S	m	tu	w	17	
fr	sa	S	m	tu	w	th	18	☉ *rises* 4. 0.
sa	S	m	tu	w	th	fr	19	
S	m	tu	w	th	fr	sa	20	
m	tu	w	th	fr	sa	S	21	☉ *rises* 3.57.
tu	w	th	fr	sa	S	m	22	
w	th	fr	sa	S	m	tu	23	
th	fr	sa	S	m	tu	w	24	☉ *rises* 3.55.
fr	sa	S	m	tu	w	th	25	
sa	S	m	tu	w	th	fr	26	
S	m	tu	w	th	fr	sa	27	☉ *rises* 3.52.
m	tu	w	th	fr	sa	S	28	
tu	w	th	fr	sa	S	m	29	RESTORATION
w	th	fr	sa	S	m	tu	30	
th	fr	sa	S	m	tu	w	31	☉ *rises* 3.50.

June XXX.

G	F	E	D	C	B	A	DAYS	Fix'd Feasts.
fr	ſa	S	m	tu	w	th	1	
ſa	S	m	tu	w	th	fr	2	☉ *riſes* 3.49.
S	m	tu	w	th	fr	ſa	3	
m	tu	w	th	fr	ſa	S	4	
tu	w	th	fr	ſa	S	m	5	☉ *riſes* 3.48.
w	th	fr	ſa	S	m	tu	6	
th	fr	ſa	S	m	tu	w	7	
fr	ſa	S	m	tu	w	th	8	
ſa	S	m	tu	w	th	fr	9	☉ *riſes* 3.47.
S	m	tu	w	th	fr	ſa	10	☉ *in* ♎.
m	tu	w	th	fr	ſa	S	11	S. BARNABAS.
tu	w	th	fr	ſa	S	m	12	
w	th	fr	ſa	S	m	tu	13	
th	fr	ſa	S	m	tu	w	14	☉ *riſes* 3.48.
fr	ſa	S	m	tu	w	th	15	
ſa	S	m	tu	w	th	fr	16	
S	m	tu	w	th	fr	ſa	17	S. Alban.
m	tu	w	th	fr	ſa	S	18	
tu	w	th	fr	ſa	S	m	19	☉ *riſes* 3.49.
w	th	fr	ſa	S	m	tu	20	
th	fr	ſa	S	m	tu	w	21	
fr	ſa	S	m	tu	w	th	22	☉ *riſes* 3.51.
ſa	S	m	tu	w	th	fr	23	
S	m	tu	w	th	fr	ſa	24	S. JOHN BAPT.
m	tu	w	th	fr	ſa	S	25	
tu	w	th	fr	ſa	S	m	26	
w	th	fr	ſa	S	m	tu	27	☉ *riſes* 3.54.
th	fr	ſa	S	m	tu	w	28	
fr	ſa	S	m	tu	w	th	29	S. PETER.
ſa	S	m	tu	w	th	fr	30	

July XXXI.

G	F	E	D	C	B	A	Day's	Fix'd Feasts.
S	m	tu	w	th	fr	sa	1	☉ *rises* 3.58.
m	tu	w	th	fr	sa	S	2	
tu	w	th	fr	sa	S	m	3	☉ *rises* 4.00.
w	th	fr	sa	S	m	tu	4	
th	fr	sa	S	m	tu	w	5	
fr	sa	S	m	tu	w	th	6	☉ *rises* 4.03.
sa	S	m	tu	w	th	fr	7	
S	m	tu	w	th	fr	sa	8	
m	tu	w	th	fr	sa	S	9	☉ *rises* 4.06.
tu	w	th	fr	sa	S	m	10	
w	th	fr	sa	S	m	tu	11	
th	fr	sa	S	m	tu	w	12	☉ *in* ♌.
fr	sa	S	m	tu	w	th	13	
sa	S	m	tu	w	th	fr	14	
S	m	tu	w	th	fr	sa	15	S. Swithin.
m	tu	w	th	fr	sa	S	16	☉ *rises* 4.16.
tu	w	th	fr	sa	S	m	17	
w	th	fr	sa	S	m	tu	18	Dog days beg.
th	fr	sa	S	m	tu	w	19	
fr	sa	S	m	tu	w	th	20	
sa	S	m	tu	w	th	fr	21	
S	m	tu	w	th	fr	sa	22	☉ *rises* 4.25.
m	tu	w	th	fr	sa	S	23	
tu	w	th	fr	sa	S	m	24	
w	th	fr	sa	S	m	tu	25	S. JAMES.
th	fr	sa	S	m	tu	w	26	
fr	sa	S	m	tu	w	th	27	☉ *rises* 4.33.
sa	S	m	tu	w	th	fr	28	
S	m	tu	w	th	fr	sa	29	
m	tu	w	th	fr	sa	S	30	☉ *rises* 4.38.
tu	w	th	fr	sa	S	m	31	

August XXXI.

G	F	E	D	C	B	A	DAYS	Fix'd Feasts.
w	th	fr	sa	S	m	tu	1	Lammas day
th	fr	sa	S	m	tu	w	2	
fr	sa	S	m	tu	w	th	3	☉ *rises* 4.45.
sa	S	m	tu	w	th	fr	4	
S	m	tu	w	th	fr	sa	5	
m	tu	w	th	fr	sa	S	6	☉ *rises* 4.50.
tu	w	th	fr	sa	S	m	7	
w	th	fr	sa	S	m	tu	8	
th	fr	sa	S	m	tu	w	9	☉ *rises* 4.55.
fr	sa	S	m	tu	w	th	10	
sa	S	m	tu	w	th	fr	11	
S	m	tu	w	th	fr	sa	12	☉ *in* ♍.
m	tu	w	th	fr	sa	S	13	
tu	w	th	fr	sa	S	m	14	☉ *rises* 5.05.
w	th	fr	sa	S	m	tu	15	
th	fr	sa	S	m	tu	w	16	
fr	sa	S	m	tu	w	th	17	☉ *rises* 5.10.
sa	S	m	tu	w	th	fr	18	
S	m	tu	w	th	fr	sa	19	
m	tu	w	th	fr	sa	S	20	☉ *rises* 5.16.
tu	w	th	fr	sa	S	m	21	
w	th	fr	sa	S	m	tu	22	☉ *rises* 5.20.
th	fr	sa	S	m	tu	w	23	
fr	sa	S	m	tu	w	th	24	S. BARTHOL.
sa	S	m	tu	w	th	fr	25	
S	m	tu	w	th	fr	sa	26	☉ *rises* 5.27.
m	tu	w	th	fr	sa	S	27	Dog days end
tu	w	th	fr	sa	S	m	28	
w	th	fr	sa	S	m	tu	29	☉ *rises* 5.33.
th	fr	sa	S	m	tu	w	30	
fr	sa	S	m	tu	w	th	31	☉ *rises* 5.37.

September XXX

G	F	E	D	C	B	A	DAYS	Fix'd Feasts.
sa	S	m	tu	w	th	fr	1	
S	m	tu	w	th	fr	sa	2	LONDON burnt 1666.
m	tu	w	th	fr	sa	S	3	
tu	w	th	fr	sa	S	m	4	
w	th	fr	sa	S	m	tu	5	☉ *rises* 5.47.
th	fr	sa	S	m	tu	w	6	
fr	sa	S	m	tu	w	th	7	
sa	S	m	tu	w	th	fr	8	☉ *rises* 5.53.
S	m	tu	w	th	fr	sa	9	
m	tu	w	th	fr	sa	S	10	
tu	w	th	fr	sa	S	m	11	☉ *rises* 5.59.
w	th	fr	sa	S	m	tu	12	☉ *in* ♎.
th	fr	sa	S	m	tu	w	13	
fr	sa	S	m	tu	w	th	14	Holy Crosſ.
sa	S	m	tu	w	th	fr	15	
S	m	tu	w	th	fr	sa	16	☉ *rises* 6.9.
m	tu	w	th	fr	sa	S	17	
tu	w	th	fr	sa	S	m	18	
w	th	fr	sa	S	m	tu	19	☉ *rises* 6.14.
th	fr	sa	S	m	tu	w	20	
fr	sa	S	m	tu	w	th	21	S. MATTHEW
sa	S	m	tu	w	th	fr	22	
S	m	tu	w	th	fr	sa	23	☉ *rises* 6.22.
m	tu	w	th	fr	sa	S	24	
tu	w	th	fr	sa	S	m	25	
w	th	fr	sa	S	m	tu	26	☉ *rises* 6.28.
th	fr	sa	S	m	tu	w	27	
fr	sa	S	m	tu	w	th	28	
sa	S	m	tu	w	th	fr	29	S. MICHAEL.
S	m	tu	w	th	fr	sa	30	

October XXXI.

G	F	E	D	C	B	A	DAY	Fix'd Feasts.
m	tu	w	th	fr	sa	S	1	☉ *rises* 6.38.
tu	w	th	fr	sa	S	m	2	
w	th	fr	sa	S	m	tu	3	
th	fr	sa	S	m	tu	w	4	☉ *rises* 6.44.
fr	sa	S	m	tu	w	th	5	
sa	S	m	tu	w	th	fr	6	
S	m	tu	w	th	fr	sa	7	☉ *rises* 6.50.
m	tu	w	th	fr	sa	S	8	
tu	w	th	fr	sa	S	m	9	
w	th	fr	sa	S	m	tu	10	☉ *rises* 6.56.
th	fr	sa	S	m	tu	w	11	
fr	sa	S	m	tu	w	th	12	☉ *in* ♏.
sa	S	m	tu	w	th	fr	13	
S	m	tu	w	th	fr	sa	14	
m	tu	w	th	fr	sa	S	15	☉ *rises* 7. 5.
tu	w	th	fr	sa	S	m	16	
w	th	fr	sa	S	m	tu	17	
th	fr	sa	S	m	tu	w	18	S LUKE.
fr	sa	S	m	tu	w	th	19	
sa	S	m	tu	w	th	fr	20	
S	m	tu	w	th	fr	sa	21	☉ *rises* 7.16.
m	tu	w	th	fr	sa	S	22	
tu	w	th	fr	sa	S	m	23	*Term begins.*
w	th	fr	sa	S	m	tu	24	
th	fr	sa	S	m	tu	w	25	Crispin.
fr	sa	S	m	tu	w	th	26	☉ *rises* 7. 25.
sa	S	m	tu	w	th	fr	27	
S	m	tu	w	th	fr	sa	28	S. SIMON and
m	tu	w	th	fr	sa	S	29	JUDE.
tu	w	th	fr	sa	S	m	30	
w	th	fr	sa	S	m	tu	31	☉ *rises* 7. 33.

November XXX

G	F	E	D	C	B	A	DAY	Fix'd Feasts.
th	fr	sa	S	m	tu	w	1	ALL SAINTS.
fr	sa	S	m	tu	w	th	2	ALL SOULS.
sa	S	m	tu	w	th	fr	3	
S	m	tu	w	th	fr	sa	4	K. WILL. Born.
m	tu	w	th	fr	sa	S	5	POWDER Plot.
tu	w	th	fr	sa	S	m	6	
w	th	fr	sa	S	m	tu	7	☼ *riſes* 7. 44.
th	fr	sa	S	m	tu	w	8	
fr	sa	S	m	tu	w	th	9	
sa	S	m	tu	w	th	fr	10	
S	m	tu	w	th	fr	sa	11	☼ *in* ♐. Martin.
m	tu	w	th	fr	sa	S	12	
tu	w	th	fr	sa	S	m	13	
w	th	fr	sa	S	m	tu	14	☼ *riſes* 7. 55.
th	fr	sa	S	m	tu	w	15	
fr	sa	S	m	tu	w	th	16	
sa	S	m	tu	w	th	fr	17	☼ *riſes* 7. 58.
S	m	tu	w	th	fr	sa	18	
m	tu	w	th	fr	sa	S	19	☼ *riſes* 8. 0.
tu	w	th	fr	sa	S	m	20	
w	th	fr	sa	S	m	tu	21	
th	fr	sa	S	m	tu	w	22	Cecilia.
fr	sa	S	m	tu	w	th	23	
sa	S	m	tu	w	th	fr	24	
S	m	tu	w	th	fr	sa	25	☼ *riſes* 8. 6.
m	tu	w	th	fr	sa	S	26	
tu	w	th	fr	sa	S	m	27	
w	th	fr	sa	S	m	tu	28	*Term ends.*
th	fr	sa	S	m	tu	w	29	
fr	sa	S	m	tu	w	th	30	S. ANDREW.

December XXXI

G	F	E	D	C	B	A	DAY	Fix'd Feasts.
sa	S	m	tu	w	th	fr	1	☼ *rises* 8 . 10.
S	m	tu	w	th	fr	sa	2	
m	tu	w	th	fr	sa	S	3	
tu	w	th	fr	sa	S	m	4	☼ *rises* 8 . 12.
w	th	fr	sa	S	m	tu	5	
th	fr	sa	S	m	tu	w	6	Nicholas.
fr	sa	S	m	tu	w	th	7	
sa	S	m	tu	w	th	fr	8	
S	m	tu	w	th	fr	sa	9	☼ *rises* 8 . 13.
m	tu	w	th	fr	sa	S	10	
tu	w	th	fr	sa	S	m	11	☼ *in* ♍.
w	th	fr	sa	S	m	tu	12	
th	fr	sa	S	m	tu	w	13	Lucy.
fr	sa	S	m	tu	w	th	14	
sa	S	m	tu	w	th	fr	15	☼ *rises* 8 . 12.
S	m	tu	w	th	fr	sa	16	
m	tu	w	th	fr	sa	S	17	
tu	w	th	fr	sa	S	m	18	☼ *rises* 8 . 11.
w	th	fr	sa	S	m	tu	19	
th	fr	sa	S	m	tu	w	20	
fr	sa	S	m	tu	w	th	21	S. Thomas.
sa	S	m	tu	w	th	fr	22	
S	m	tu	w	th	fr	sa	23	☼ *rises* 8 . 8.
m	tu	w	th	fr	sa	S	24	
tu	w	th	fr	sa	S	m	25	Christmas.
w	th	fr	sa	S	m	tu	26	S. Stephen.
th	fr	sa	S	m	tu	w	27	S. John Evan.
fr	sa	S	m	tu	w	th	28	H. Innocents
sa	S	m	tu	w	th	fr	29	
S	m	tu	w	th	fr	sa	30	
m	tu	w	th	fr	sa	S	31	☼ *rises* 8 . 1.

A Tide Table

Days of the Moon's Age	Hours and Minutes of Her Southing		THIS TABLE shews how many Hours and Minutes after the Moon's Southing makes high Water at the following Places.					
	H	M						
1	12	48	Berwick	3	45	Lundy I.	6	0
2	1	36	Blackness	1	30	Lynn	6	0
3	2	24	Bourdeaux	3	45	Malden	0	45
4	3	12	Brest	3	45	Man I.	9	0
5	4	--	Bridgwater	7	30	Milford H.	7	30
6	4	48	Bristol	6	45	Mounts bay	4	30
7	5	36	Bullein	10	30	Newcastle	5	15
8	6	24	Callis	11	15	Orfordness	9	45
9	7	12	Calshot	11	15	Ostend	3	45
10	8	--	Cork	4	30	Plimouth	6	0
11	8	48	St. Davids	6	0	Pool	9	0
12	9	36	Dartmouth	5	15	Portland	8	15
13	10	24	Dover	10	30	Portsmouth	0	0
14	11	12	Downes	1	30	Quinborough	0	0
15	12	--	Dublin	8	15	Ramekins	1	30
16	12	48	Dunbar	9	0	Rochester	0	45
17	1	36	Dundee	2	15	Roterdam	3	0
18	2	24	Falmouth	5	15	Rye	11	15
19	3	12	Flushing	0	45	Scarborough	4	30
20	4	--	N. Foreland	9	45	Scilly	3	45
21	4	48	S. Foreland	9	45	Severn	4	30
22	5	36	Foulness	6	45	Southampton	0	0
23	6	24	Fowey	5	15	Spithead	0	0
24	7	12	Gmves end	1	30	Start Point	6	45
25	8	--	Guernsey	5	15	Tinmouth	3	0
26	8	48	Hamburgh	3	45	Torbay	6	0
27	9	36	Harflete	8	15	Weymouth	6	0
28	10	24	Harwich	10	30	Whitby	3	0
29	11	12	Hull	6	0	Winchelsea	11	15
30	12	--	Humber	5	15	Yarmouth	10	30
			Aberdeen	0	45	Kinsale	4	30
			St. Andrews	2	15	Landsend	7	30
			Amsterdam	3	0	Lime	6	0
			Baltimore	4	30	Lisbon	2	15
			Beachey	0	0	LONDON	3	0

Moveable Feasts.

EASTER DAY.	*Septuag Sunday*	Ash Wednesday.	*Rogation Sunday:*	Ascension Day.
Mar. 22	Jan. 18	Febr. 4	Apr. 26	Apr. 30
23	19	5	27	May. 1
24	20	6	28	2
25	21	7	29	3
26	22	8	30	4
27	23	9	May. 1	5
28	24	10	2	6
29	25	11	3	7
30	26	12	4	8
31	27	13	5	9
Apr. 1	28	14	6	10
2	29	15	7	11
3	30	16	8	12
4	31	17	9	13
5	Febr. 1	18	10	14
6	2	19	11	15
7	3	20	12	16
8	4	21	13	17
9	5	22	14	18
10	6	23	15	19
11	7	24	16	20
12	8	25	17	21
13	9	26	18	22
14	10	27	19	23
15	11	28	20	24
16	12	Mar. 1	21	25
17	13	2	22	26
18	14	3	23	27
19	15	4	24	28
20	16	5	25	29
21	17	6	26	30
22	18	7	27	31
23	19	8	28	June. 1
24	20	9	29	2
25	21	10	30	3

NOTE, *That such* Feasts *as fall in* Jan. *or* Feb. *are every* Leap Year *One day later.*

Moveable Feasts.

Whit Sunday.	*Easter Term beg.*	*Easter Term ends.*	Trinity Term beg.	*Trinity Term ends.*
May. 10	Apr. 8	May. 4	May. 22	June. 10
11	9	5	23	11
12	10	6	24	12
13	11	7	25	13
14	12	8	26	14
15	13	9	27	15
16	14	10	28	16
17	15	11	29	17
18	16	12	30	18
19	17	13	31	19
20	18	14	June. 1	20
21	19	15	2	21
22	20	16	3	22
23	21	17	4	23
24	22	18	5	24
25	23	19	6	25
26	24	20	7	26
27	25	21	8	27
28	26	22	9	28
29	27	23	10	29
30	28	24	11	30
31	29	25	12	July. 1
June. 1	30	26	13	2
2	May. 1	27	14	3
3	2	28	15	4
4	3	29	16	5
5	4	30	17	6
6	5	31	18	7
7	6	June. 1	19	8
8	7	2	20	9
9	8	3	21	10
10	9	4	22	11
11	10	5	23	12
12	11	6	24	13
13	12	7	25	14

Advent Sunday *is the nearest* Sunday *to* St. Andrew's *day, whether it be before, or after.*

A TABLE of the EQUATION of Natural Days, Shewing *how much a well Regulated & adjusted* Pendulum Clock *or* Watch, *goes* Faster *or* Slower *than a True* SUN DIAL.

Days.	Jan.		Febr.		Mar.		Apr.		May.		June.	
	′	″	′	″	′	″	′	″	′	″	′	″
1	8	59	14	48	10	8	0	49	4	9	1	5
2	9	21	14	47	9	51	0	32	4	11	0	53
3	9	43	14	45	9	34	0	16	4	12	0	40
4	10	5	14	42	9	17	0	* 1	4	13	0	28
5	10	26	14	38	8	59	0	* 14	4	12	0	16
6	10	45	14	33	8	42	0	29	4	11	0	* 3
7	11	4	14	28	8	24	0	44	4	10	0	* 10
8	11	23	14	23	8	5	0	58	4	8	0	23
9	11	40	14	14	7	47	1	12	4	6	0	36
10	11	57	14	9	7	29	1	26	4	4	0	49
11	12	14	14	1	7	10	1	38	4	1	1	1
12	12	30	13	52	6	52	1	51	3	57	1	14
13	12	44	13	43	6	33	2	3	3	52	1	27
14	12	58	13	34	6	15	2	14	3	47	1	40
15	13	12	13	24	5	56	2	24	3	41	1	53
16	13	24	13	13	5	37	2	35	3	35	2	5
17	13	35	13	2	5	18	2	46	3	29	2	17
18	13	46	12	50	5	0	2	56	3	23	2	29
19	13	56	12	37	4	41	3	4	3	15	2	41
20	14	5	12	25	4	22	3	12	3	7	2	53
21	14	13	12	12	4	3	3	20	2	58	3	4
22	14	20	11	57	3	44	3	28	2	50	3	16
23	14	27	11	43	3	26	3	35	2	41	3	27
24	14	32	11	28	3	8	3	42	2	31	3	38
25	14	37	11	13	2	49	3	47	2	21	3	48
26	14	41	10	58	2	31	3	52	2	11	3	59
27	14	44	10	42	2	13	3	56	2	1	4	9
28	14	47	10	25	1	55	4	0	1	51	4	18
29	14	48			1	38	4	3	1	40	4	27
30	14	49			1	21	4	6	1	28	4	35
31	14	49			1	5			1	17		

CLOCK OR WATCH TOO FAST

CLOCK OR WATCH TOO SLOW

The TABLE of the EQUATION of Natural Days

Continued.

Days.	July.		Aug.		Sept.		Oct.		Nov.		Dec.	
	′	″	′	″	′	″	′	″	′	″	′	″
1	4	43	4	30	3	48	13	14	15	23	5	42
2	4	51	4	20	4	9	13	28	15	15	5	13
3	4	58	4	10	4	29	13	42	15	5	4	45
4	5	5	4	0	4	50	13	56	14	55	4	16
5	5	11	3	49	5	10	14	8	14	44	3	47
6	5	17	3	37	5	31	14	20	14	32	3	17
7	5	23	3	24	5	51	14	31	14	20	2	47
8	5	28	3	11	6	12	14	41	14	6	2	17
9	5	32	2	58	6	33	14	51	13	52	1	47
10	5	35	2	44	6	53	15	1	13	38	1	18
11	5	38	2	30	7	14	15	11	13	21	0	48
12	5	41	2	16	7	34	15	20	13	4	0	* 18
13	5	43	2	2	7	54	15	26	12	47	0	* 12
14	5	45	1	46	8	14	15	32	12	28	0	42
15	5	46	1	30	8	33	15	38	12	9	1	12
16	5	46	1	13	8	53	15	44	11	50	1	42
17	5	45	0	56	9	13	15	49	11	30	2	11
18	5	44	0	39	9	32	15	52	11	9	2	40
19	5	42	0	21	9	52	15	55	10	47	3	9
20	5	40	0	* 3	10	11	15	57	10	25	3	38
21	5	38	0	* 14	10	30	15	59	10	2	4	7
22	5	35	0	31	10	48	16	1	9	38	4	35
23	5	31	0	50	11	6	16	0	9	14	5	2
24	5	27	1	9	11	24	15	59	8	49	5	29
25	5	22	1	29	11	41	15	57	8	23	5	57
26	5	16	1	49	11	58	15	55	7	57	6	23
27	5	10	2	7	12	14	15	52	7	31	6	50
28	5	3	2	27	12	29	15	48	7	5	7	16
29	4	56	2	47	12	45	15	43	6	38	7	41
30	4	48	3	8	13	0	15	37	6	10	8	6
31	4	39	3	28			15	31			8	29

CLOCK OR WATCH TOO FAST

CLOCK OR WATCH TOO SLOW

A ſhort Account of OLD and NEW STILE.

Old Stile.

Theſe Tables *are calculated according to the* Julian Account *of Time ſo called becauſe firſt Settled by* Julius Cæſar, 45 *Years before* Chriſt, *and by him ordered to be obſerved throughout ye whole* Roman Empire, Britain *being then a* Roman Province, *received this Account, which it has ever ſince kept, and is commonly called* Old Stile.

By *this Account the* Year *was ſuppoſed to conſiſt of* 365 *days and* 6 *hours, the odd hours added together amounted every fourth year to a day, for which reaſon* 3 *years ſucceſſively were each compoſed of* 365 *days, and the fourth year of* 366 *which was called* Leap Year.

But *the true* Solar Year *conſiſting only of* 365 *days,* 5 *hours,* 49 *min.ts and* 16 *ſeconds, there is an over reckoning of* 10 *min.ts* 44 *ſeconds every year; which of conſequence has made a variation of one day, in every* 134 *Years that has paſſed ſince the firſt Setling this Account; by which means the* Vernal Equinox *or* Suns *entrance into* Aries, *is now on the* 10th *of* March, *that in* Julius Cæſar's *time was, on the* 24th.

New Stile.

NEW STILE.

Pope Gregory *the* 13.th *finding the* Julian *account to be erroneous, Resolved upon a Reformation of it, which he finished in the year* 1582, *and which from him was called the* Gregorian *account or* New Stile.

The Pope *in this Reformation look'd no farther back than the time of the* Council *of* Nice, *which was held in the year* 325, *and finding the* Vernal Equinox *was then on the* 21.st *of* March, *he order'd* 10 *days of that year* (1582) *to be omitted, which was done by calling the* 5.th *of Oct.r the* 15.th, *by which means the next* Vernal Equinox *which otherwise would have been on the* 11.th *fell on the* 21.st *of* March.

And *to prevent errors of the like nature for the future, he ordered the Substracting* 3 *days from every revolution of* 400 *years, which was to be done by omitting the* 29.th *day of Feb. at the end of* 3 *Centuries successively, and at the end of the* 4.th Century *to retain it.*

This *is the reason that before the* 29.th *of Febr.ry* 1700, *the difference between the* New & Old Stile *was only* 10, *whereas since that time it has been* 11 *days.*

Whether *the Errors in the Julian Account were considerable enough to make this Reformation necessary; is a Question there is not room here fully to answer. But the following* Additional Tables *will shew with what ease Computations of Time are made by that account for all Ages past and to come; Whereas the like Computations by the Gregorian, could not be made without the utmost Intricacy.*

Additional Tables of TIME.

The CYCLE of the SUN.

Dominical Letters.	A.G	G.F	F.E	E.D	D.C	C.B	B.A
Leap Year.	17	1	13	25	9	21	5
Years after Leap Year: First.	6	18	2	14	26	10	22
Years after Leap Year: Second.	23	7	19	3	15	27	11
Years after Leap Year: Third.	12	24	8	20	4	16	28
Dominical Letter.	G	F	E	D	C	B	A

The CYCLE of the MOON.

Cycle of the Moon.	Epact.	Easter Day.						
		G.	F.	E.	D.	C.	B.	A.
1	11	A. 8	7	6	12	11	10	9
2	22	A. 1	M. 31	30	29	28	27	26
3	3	A. 15	14	20	19	18	17	16
4	14	A. 8	7	6	5	4	3	9
5	25	M. 25	24	23	29	28	27	26
6	6	A. 15	14	13	12	11	17	16
7	17	A. 1	M. 31	A. 6	5	4	3	2
8	28	A. 22	21	20	19	25	24	23
9	9	A. 8	14	13	12	11	10	9
10	20	A. 1	M. 31	30	29	28	A. 3	2
11	1	A. 22	21	20	19	18	17	16
12	12	A. 8	7	6	5	11	10	9
13	23	M. 25	31	30	29	28	27	26
14	4	A. 15	14	13	19	18	17	16
15	15	A. 8	7	6	5	4	3	2
16	26	M. 25	24	23	22	28	27	26
17	7	A. 15	14	13	12	11	10	16
18	18	A. 1	M. 31	30	A. 5	4	3	2
19	29	A. 22	21	20	19	18	24	23

THE

THE DIONYSIAN PERIOD.

D. Period.	Cycle ☉.	Cycle ☽.	D. Period.	Cycle ☉.	Cycle ☽.	D. Period.	Cycle ☉.	Cycle ☽.	D. Period.	Cycle ☉.	Cycle ☽.
1	1	1	36	8	17	71	15	14	106	22	11
2	2	2	37	9	18	72	16	15	107	23	12
3	3	3	38	10	19	73	17	16	108	24	13
4	4	4	39	11	1	74	18	17	109	25	14
5	5	5	40	12	2	75	19	18	110	26	15
6	6	6	41	13	3	76	20	19	111	27	16
7	7	7	42	14	4	77	21	1	112	28	17
8	8	8	43	15	5	78	22	2	113	1	18
9	9	9	44	16	6	79	23	3	114	2	19
10	10	10	45	17	7	80	24	4	115	3	1
11	11	11	46	18	8	81	25	5	116	4	2
12	12	12	47	19	9	82	26	6	117	5	3
13	13	13	48	20	10	83	27	7	118	6	4
14	14	14	49	21	11	84	28	8	119	7	5
15	15	15	50	22	12	85	1	9	120	8	6
16	16	16	51	23	13	86	2	10	121	9	7
17	17	17	52	24	14	87	3	11	122	10	8
18	18	18	53	25	15	88	4	12	123	11	9
19	19	19	54	26	16	89	5	13	124	12	10
20	20	1	55	27	17	90	6	14	125	13	11
21	21	2	56	28	18	91	7	15	126	14	12
22	22	3	57	1	19	92	8	16	127	15	13
23	23	4	58	2	1	93	9	17	128	16	14
24	24	5	59	3	2	94	10	18	129	17	15
25	25	6	60	4	3	95	11	19	130	18	16
26	26	7	61	5	4	96	12	1	131	19	17
27	27	8	62	6	5	97	13	2	132	20	18
28	28	9	63	7	6	98	14	3	133	21	19
29	1	10	64	8	7	99	15	4	134	22	1
30	2	11	65	9	8	100	16	5	135	23	2
31	3	12	66	10	9	101	17	6	136	24	3
32	4	13	67	11	10	102	18	7	137	25	4
33	5	14	68	12	11	103	19	8	138	26	5
34	6	15	69	13	12	104	20	9	139	27	6
35	7	16	70	14	13	105	21	10	140	28	7

D. Period.	Cycle ☉.	Cycle ☽.	D. Period.	Cycle ☉.	Cycle ☽.	D. Period.	Cycle ☉.	Cycle ☽.	D. Period.	Cycle ☉.	Cycle ☽.
141	-1	-8	179	11	-8	217	21	-8	255	-3	-8
142	-2	-9	180	12	-9	218	22	-9	256	-4	-9
143	-3	10	181	13	10	219	23	10	257	-5	10
144	-4	11	182	14	11	220	24	11	258	-6	11
145	-5	12	183	15	12	221	25	12	259	-7	12
146	-6	13	184	16	13	222	26	13	260	-8	13
147	-7	14	185	17	14	223	27	14	261	-9	14
148	-8	15	186	18	15	224	28	15	262	10	15
149	-9	16	187	19	16	225	-1	16	263	11	16
150	10	17	188	20	17	226	-2	17	264	12	17
151	11	18	189	21	18	227	-3	18	265	13	18
152	12	19	190	22	19	228	-4	19	266	14	19
153	13	-1	191	23	-1	229	-5	-1	267	15	-1
154	14	-2	192	24	-2	230	-6	-2	268	16	-2
155	15	-3	193	25	-3	231	-7	-3	269	17	-3
156	16	-4	194	26	-4	232	-8	-4	270	18	-4
157	17	-5	195	27	-5	233	-9	-5	271	19	-5
158	18	-6	196	28	-6	234	10	-6	272	20	-6
159	19	-7	197	-1	-7	235	11	-7	273	21	-7
160	20	-8	198	-2	-8	236	12	-8	274	22	-8
161	21	-9	199	-3	-9	237	13	-9	275	23	-9
162	22	10	200	-4	10	238	14	10	276	24	10
163	23	11	201	-5	11	239	15	11	277	25	11
164	24	12	202	-6	12	240	16	12	278	26	12
165	25	13	203	-7	13	241	17	13	279	27	13
166	26	14	204	-8	14	242	18	14	280	28	14
167	27	15	205	-9	15	243	19	15	281	-1	15
168	28	16	206	10	16	244	20	16	282	-2	16
169	-1	17	207	11	17	245	21	17	283	-3	17
170	-2	18	208	12	18	246	22	18	284	-4	18
171	-3	19	209	13	19	247	23	19	285	-5	19
172	-4	-1	210	14	-1	248	24	-1	286	-6	-1
173	-5	-2	211	15	-2	249	25	-2	287	-7	-2
174	-6	-3	212	16	-3	250	26	-3	288	-8	-3
175	-7	-4	213	17	-4	251	27	-4	289	-9	-4
176	-8	-5	214	18	-5	252	28	-5	290	10	-5
177	-9	-6	215	19	-6	253	-1	-6	291	11	-6
178	10	-7	216	20	-7	254	-2	-7	292	12	-7

D.Period.	Cycle ☉.	Cycle ☽.	D.Period.	Cycle ☉.	Cycle ☽.	D.Period.	Cycle ☉.	Cycle ☽.	D.Period.	Cycle ☉.	Cycle ☽.
293	13	-8	331	23	-8	369	-5	-8	407	15	-8
294	14	-9	332	24	-9	370	-6	-9	408	16	-9
295	15	10	333	25	10	371	-7	10	409	17	10
296	16	11	334	26	11	372	-8	11	410	18	11
297	17	12	335	27	12	373	-9	12	411	19	12
298	18	13	336	28	13	374	10	13	412	20	13
299	19	14	337	-1	14	375	11	14	413	21	14
300	20	15	338	-2	15	376	12	15	414	22	15
301	21	16	339	-3	16	377	13	16	415	23	16
302	22	17	340	-4	17	378	14	17	416	24	17
303	23	18	341	-5	18	379	15	18	417	25	18
304	24	19	342	-6	19	380	16	19	418	26	19
305	25	-1	343	-7	-1	381	17	-1	419	27	-1
306	26	-2	344	-8	-2	382	18	-2	420	28	-2
307	27	-3	345	-9	-3	383	19	-3	421	-1	-3
308	28	-4	346	10	-4	384	20	-4	422	-2	-4
309	-1	-5	347	11	-5	385	21	-5	423	-3	-5
310	-2	-6	348	12	-6	386	22	-6	424	-4	-6
311	-3	-7	349	13	-7	387	23	-7	425	-5	-7
312	-4	-8	350	14	-8	388	24	-8	426	-6	-8
313	-5	-9	351	15	-9	389	25	-9	427	-7	-9
314	-6	10	352	16	10	390	26	10	428	-8	10
315	-7	11	353	17	11	391	27	11	429	-9	11
316	-8	12	354	18	12	392	28	12	430	10	12
317	-9	13	355	19	13	393	-1	13	431	11	13
318	10	14	356	20	14	394	-2	14	432	12	14
319	11	15	357	21	15	395	-3	15	433	13	15
320	12	16	358	22	16	396	-4	16	434	14	16
321	13	17	359	23	17	397	-5	17	435	15	17
322	14	18	360	24	18	398	-6	18	436	16	18
323	15	19	361	25	19	399	-7	19	437	17	19
324	16	-1	362	26	-1	400	-8	-1	438	18	-1
325	17	-2	363	27	-2	401	-9	-2	439	19	-2
326	18	-3	364	28	-3	402	10	-3	440	20	-3
327	19	-4	365	-1	-4	403	11	-4	441	21	-4
328	20	-5	366	-2	-5	404	12	-5	442	22	-5
329	21	-6	367	-3	-6	405	13	-6	443	23	-6
330	22	-7	368	-4	-7	406	14	-7	444	24	-7

D.Period	Cycle ☉.	Cycle ☽.	D.Period	Cycle ☉.	Cycle ☽.	D.Period	Cycle ☉.	Cycle ☽.	D.Period	Cycle ☉.	Cycle ☽.
445	25	-8	467	19	11	489	13	14	511	-7	17
446	26	-9	468	20	12	490	14	15	512	-8	18
447	27	10	469	21	13	491	15	16	513	-9	19
448	28	11	470	22	14	492	16	17	514	10	-1
449	-1	12	471	23	15	493	17	18	515	11	-2
450	-2	13	472	24	16	494	18	19	516	12	-3
451	-3	14	473	25	17	495	19	-1	517	13	-4
452	-4	15	474	26	18	496	20	-2	518	14	-5
453	-5	16	475	27	19	497	21	-3	519	15	-6
454	-6	17	476	28	-1	498	22	-4	520	16	-7
455	-7	18	477	-1	-2	499	23	-5	521	17	-8
456	-8	19	478	-2	-3	500	24	-6	522	18	-9
457	-9	-1	479	-3	-4	501	25	-7	523	19	10
458	10	-2	480	-4	-5	502	26	-8	524	20	11
459	11	-3	481	-5	-6	503	27	-9	525	21	12
460	12	-4	482	-6	-7	504	28	10	526	22	13
461	13	-5	483	-7	-8	505	-1	11	527	23	14
462	14	-6	484	-8	-9	506	-2	12	528	24	15
463	15	-7	485	-9	10	507	-3	13	529	25	16
464	16	-8	486	10	11	508	-4	14	530	26	17
465	17	-9	487	11	12	509	-5	15	531	27	18
466	18	10	488	12	13	510	-6	16	532	28	19

Years *of the* Julian Period, *which being deducted from any given Year of the same Period, the remainder will be the Year of the* Dionysian Period.

532.	2128.	3724.	5320.	6916.
1064.	2660.	4256.	5852.	7448.
1596.	3192.	4788.	6384.	

Years *of* Our Lord, *which being deducted from any given Year of Our Lord, the remainder will be the Year of the* Dionysian Period.

75.	607.	1139.	1671.

From *any given Year of the* Julian Period, *deduct* 4713, *the remainder will be the Year of* Our Lord.
To *any given Year of* Our Lord, *add* 4713, *the amount will be the Year of the* Julian Period.

EXPLANATION OF THE Additional Tables of TIME.

The Cycle *of the* Sun, *is a Revolution of* 28 *Years in which time all the several Changes are made in the Dominical Letters, and which being expired the same letters return in the same Order, and therefore this Cycle may be properly called the Index to the Dominical Letters.*

The *Dominical letters are in Number* 7. *viz.*t G. F. E. D. C. B. A, *always succeeding one the other in a Retrograde manner, and were it not for the Leap-Years would make their Revolution in* 7 *Years, but the Leap Years happening every* 4.th *Year, and every of those Years having* 2 *Dominical letters, One for January and February, the other for the remaining Part of the Year, therefore the Revolution is not Compleat in less than* 4 *times* 7. *Years.*

The 1.st *Year of the Sun's Cycle is Leap Year and has for Dominical lett.rs* G F. *the* 2.d *Year* E. *the* 3.d D, *the* 4.th C. *&* 5.th *is again Leap Year and has* B. A. *etc.*

In *the foregoing Table of the Cycle of the Sun, the Years of that Cycle are placed in* 4 *Lines, in the* 1.st *of which are the several Leap Years, with their respective Dominical Letters placed over them; in the other* 3 *lines are the several Years which are* 1.st 2.d & 3.d *after Leap Year, and under them their respective Dominical letters.*

So *that if I look in that Table for the* 25.th *Year of the Sun's Cycle, I find it to be Leap Year, and that the Dominical letters are* F. D. *if I look in the same Table for the* 27.th *Year I find it to be the* 2.d *after Leap-Year, and the Dominical Letter* B. *etc.*

The Cycle *of the* Moon (*otherwise called the* Golden Number) *is a Revolution of* 19 *Years, in which time all the several variations are made in the* Epacts, *& which being expired the same Epacts return in the same Order, and therefore this Cycle may properly be called, the* Index *to the Epacts.*

The Lunar Year (*or* 12 *Revolutions of the Moon*) *consists of* 354 *days, the Solar Year of* 365, *the Number of Days which the Solar Year exceeds the Lunar is called the Epact.*

Therefore, *the first Year of the Moon's Cycle the*

Epact

Epact is 11, to which 11 more being added makes 22 the Epact for the 2d Year, and by the continued Addition of 11 deducting 30 as often as the amount exceeds that Number, the Epacts are found for the remaining Years of the Cycle.

In the foregoing Table of the Cycle of the Moon, the Years of that Cycle are placed in the 1st Column, in the 2d Column the Epacts, and Easter Day in the remaining Columns under the several Dominical Letters.

So that if I look in that Table for the 5th Year of the Moon's Cycle, I find the Epact for that Year to be 17, and that if the Dominical Letter is G, the 1st of April is Easter day; if F, the 31st of March, if E, the 6th of April etc. The Dionysian Period is a Revolution of 532 Years, the 1st of which has 1 for the Cycle of the Sun, and 1 for the Cycle of the Moon, it is formed out of those 2 Cycles multiplyed one into the other, and shews their several Variations till the Period is finished & both begin a new Period again at 1, after the expiration of every 532 Years.

In the foregoing Table of the Dionysian Period, the Years of that Period are placed in the 1st Column, the Years of the Cycle of the Sun in the 2d and in the 3d and last those of the Cycle of the Moon.

So that if I look in that Table for the 38th Year of the Period, I find the Suns Cycle to be 10. and the Moon's 19, but if I look for the 39th I find the Sun's Cycle to be 11, and the Moon's 1, etc.

Besides the Cycles of the Sun and Moon, there is another in Use called the Cycle of the Indiction, which is a Revolution of 15 Years, and as the Sun and Moon's Cycles Multiplyed produces 532, the Dionysian Period; so those Multiplyed by 15 produces 7980, the Number of Years in the Julian Period.

The Julian Period being of very great Use in Chronology, I have at the End of the Tables set down the several Years of that Period, which are the Last of the Dionysian, during the whole Revolution of 7980 Years.

I have likewise set down those Years of Our Lord which are the Last of the Dionysian Period.

Any Year of our Lord or of the Julian Period being given, deduct from it the Year at the End of the Tables which is next Less than the given Year, and the Remainder will be the Year of the Dionysian Period.

If A.D. 1628. be the Year given, 1139 the next Less at the End of the Tables being deducted there remains 489, which is the Year of the Dionysian Period, by knowing which I find the Sun's Cycle to be 13, the Moon's 14. and the rest that it was Leap Year, the Dominical Letters F E. the Epact 4 Easter Day April the 13th etc.

And thus these Tables may be Usefull in Computations of Time for all Ages Past and to Come.

FINIS.

Epact is 11, to which 11 more being added makes 22 the Epact for the 2d. Year, and by the continued Addition of 11 deducting 30 as often as the amount exceeds that Number, the Epacts are found for the remaining Years of the Cycle.

In the foregoing Table of the Cycle of the Moon, the Years of that Cycle are placed in the 1st. Column, in the 2d. Column the Epacts, and Easter Day in the remaining Columns under the several Dominical Letters.

So that if I look in that Table for the 4th Year of the Moon's Cycle, I find the Epact for that Year to be 17, and that if the Dominical Letter is G, the 1st. of April is Easter day; if F, the 31st. of March. If E, the 6th of April etc. The Dionysian Period is a Revolution of 532 Years, the 1st. of which has 1 for the Cycle of the Sun, and 1 for the Cycle of the Moon, it is formed out of those 2 Circles multiplyed one into the other, and shews their several Variations till the Period is finished & both begin a new Period again at 1, after the expiration of every 532 Years.

In the foregoing Table of the Dionysian Period, the Years of that Period are placed in the 1st. Column, the Years of the Cycle of the Sun in the 2d. and in the 3d. and last those of the Cycle of the Moon.

So that if I look in that Table for the 38th Year of the Period, I find the Suns Cycle to be 10. and the Moon's 19, but if I look for the 39th I find the Sun's Cycle to be 11, and the Moon's 1. etc.

Besides the Circles of the Sun and Moon, there is another in Use called the Cycle of the Indiction, which is a Revolution of 15 Years, and as the Sun and Moon's Circles Multiplyed produces 532, the Dionysian Period; so those Multiplyed by 15 produces 7980. the Number of Years in the Julian Period.

The Julian Period being of very great Use in Chronology; I have at the End of the Tables set down the several Years of that Period, which are the Last of the Dionysian, during the whole Revolution of 7980 Years.

I have likewise set down those Years of Our Lord which are the Last of the Dionysian Period.

Any Year of our Lord or of the Julian Period being given, deduct from it the Year at the End of the Tables which is next Less than the given Year, and the Remainder will be the Year of the Dionysian Period.

If A.D. 1628. be the Year given, 1139 the next Less at the End of the Tables being deducted there remains 489, which is the Year of the Dionysian Period, by knowing which I find the Sun's Cycle to be 13. the Moon's 14. and thereby that it was Leap Year, the Dominical Letters F.E. the Epact 4 Easter Day April the 13th etc.

And thus these Tables may be Usefull in Computations of Time for all Ages Past and to Come.

FINIS.